



4K SplitXtend™
3-Displays (PD 100W)

USER MANUAL

SX-3C4K-D150W

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Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the service life of your equipment.

Please activate your warranty by registering our product through the link below - www.orei.com/register

Technical Support

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Our experienced Technical Support Team is here for you to answer your questions, give technical advice or help troubleshoot your project to get you installed on time and on budget. Call, email or chat with us now.

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Central Time **Support Email** - info@orei.com | **Support Number**
- 877-290-5530

Safety Instructions

Before using this product, please carefully read the following safety instructions to ensure its proper use and keep this manual for future reference:

- To prevent electric shock, do not attempt to open the product.
- Only qualified personnel should perform any repairs or maintenance.
- Always place the product on a stable, flat surface to prevent it from falling.
- Do not expose the product to water, moisture, or high-humidity environments to avoid the risk of damage.
- To prevent damage from direct sunlight or high temperatures, do not expose the product to such environments.
- Do not place the product near heat sources like radiators, heat registers, stoves, or other heat-producing apparatus.
- Do not place any objects on top of the product to avoid damage.
- Use only the attachments and accessories specified by the manufacturer.

Introduction

The SX-3C4K-D150W SplitXtend™ is the ultimate all-in-one docking station. It offers three HDMI outputs, each supporting 4K@60Hz, allowing you to extend or duplicate up to three displays with a single USB-C connection to your laptop or computer. It includes multiple ports for connecting peripherals like USB drives, keyboards, mice, webcams, and printers. Equipped with 2 USB 2.0, 2 USB 3.0 Type-A, and a single USB-C 3.0 port, it also features full-size SD and Micro SD card readers, a 3.5mm headphone/mic combo jack, and a 1Gbps Ethernet port for reliable internet connectivity. Additionally, it supports up to 100W PD charging, ensuring your laptop stays powered. The sleek, modern design with a vertical stand saves desk space, making it an ideal choice for remote professionals and productivity-focused users.



Features & Package Contents

1. Extend or duplicate up to 3 displays at 4K@60Hz.
2. Single USB-C connection for seamless operation.
3. Includes 2 USB 2.0, 2 USB 3.0 Type-A, and 1 USB-C 3.0.
4. Full-size SD and Micro SD slots with a 3.5mm headphone/mic combo jack.
5. 1Gbps Ethernet Port for reliable wired internet connection.
6. 100W Power Delivery to charge your laptop while using the dock.
7. **NOTE: DisplayLink Driver Installation Required. HDMI 3 will only work if your laptop has a USB-C port that supports DP ALT Mode.**

System Requirements

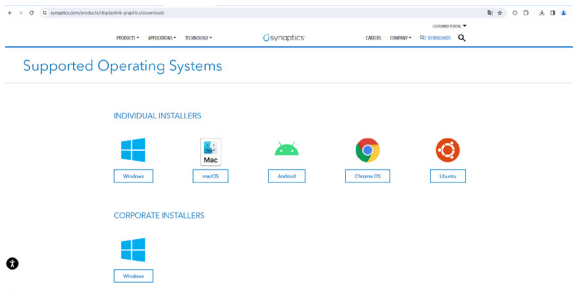
- Windows 7/8/8.1/10 and above or Mac OS 10.10.x and above.
- CPU Processor: Core i5 and above.
- RAM: 4GB and above

Package Contents

1.	SX-3C4K-D150W	1pcs
2.	USB-C Cable	1pcs
3.	Base	1pcs
4.	150W (20V 7.5A) Power Adapter	1pcs
5.	User Manual	1pcs

Driver Installation

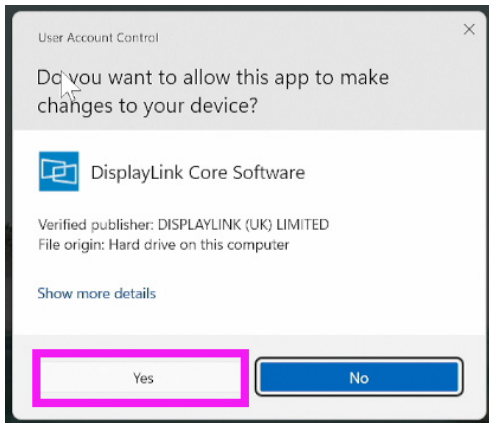
Visit: <https://www.synaptics.com/products/displaylink-graphics/downloads> and download the correct driver as per your operating system.



Driver Installation

For Windows

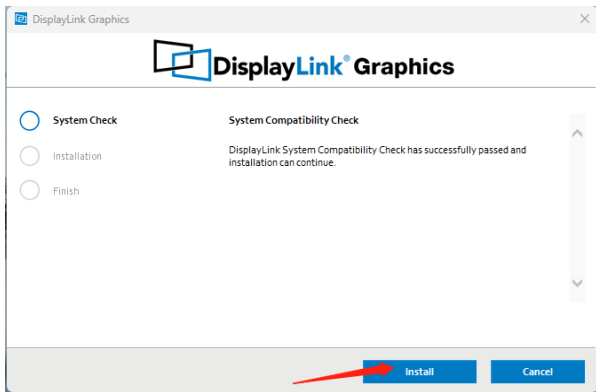
1. Unzip the file, and double click to open the “.exe” file, and then click “Yes”



If a security prompt appears, click “Run Anyway”

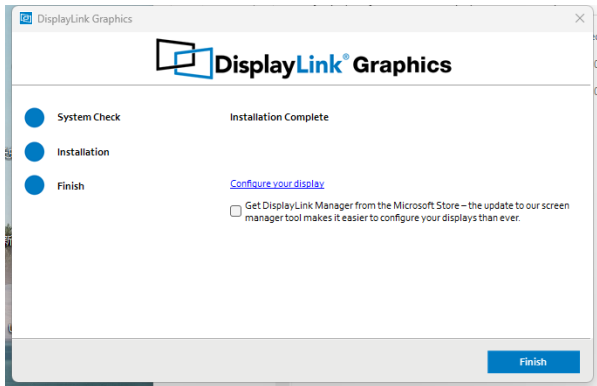
Driver Installation

2. After system compatibility check, click “INSTALL”



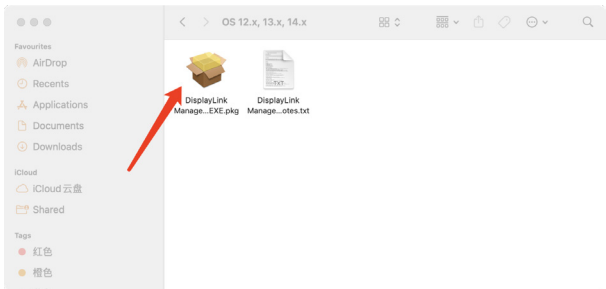
Driver Installation

3. After installation, click “Finish” to restart the computer



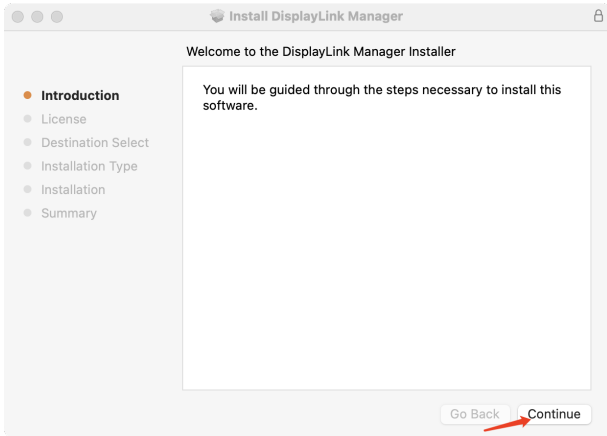
For MacOS

1. Open DisplayLink USB Graphics Software dmg file
2. Click DisplayLink Software installer.pkg

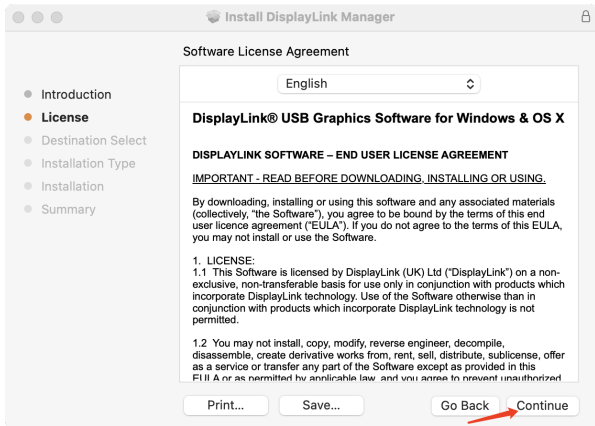


Driver Installation

3. Click continue

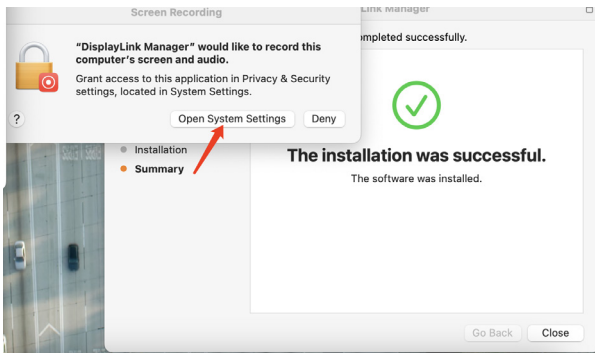


4. Click continue again



Driver Installation

5. Once the driver is installed restart the computer.

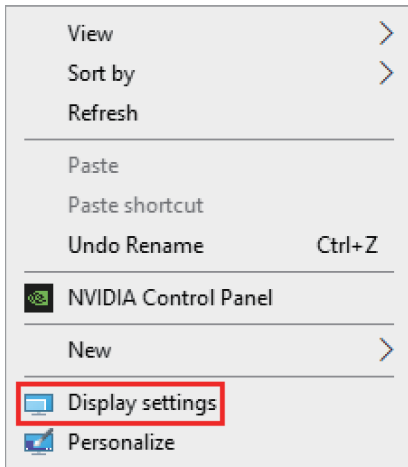


NOTE: If the driver is installed and there is no video output, go to Privacy & Security >> Screen Recording, and turn on the DisplayLink Manager Screen Recording authorization.

Display Mode Setting

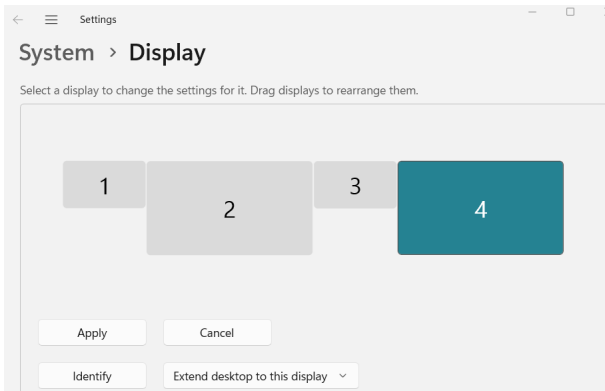
For Windows

1. Right click on the desktop and select "Display settings"



Display Mode Setting

2. Under Display Settings, you can select each display and set the needed resolution and change other settings.



Display Mode Setting

3. Click on the dropdown next to "Identify" and set the desired mode for the display - Extend or Duplicate.

Duplicate desktop on 1 and 4

Duplicate desktop on 2 and 4

Duplicate desktop on 3 and 4

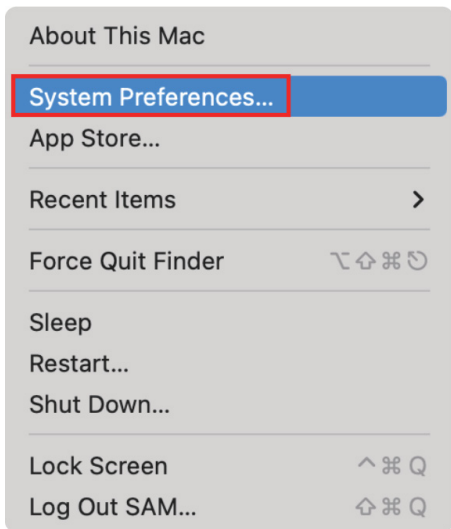
Extend desktop to this display

Disconnect this display

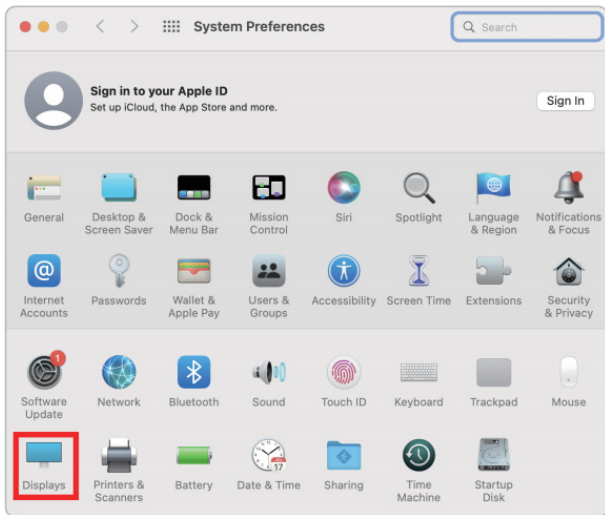
Display Mode Setting

For MacOS

1. Left click the apple icon and select "System Preferences", and click on "Displays"



Display Mode Setting



Display Mode Setting

2. Under the “Arrange Display” settings, you can move the displays around to match the real world location.

Arrange Displays

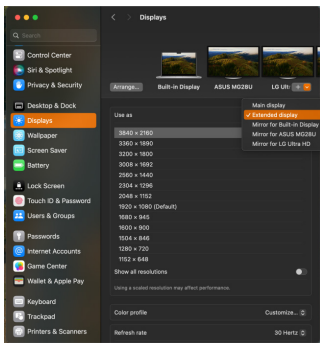
To rearrange displays, drag them to the desired position. To mirror displays, hold Option while dragging them on top of each other. To relocate the menu bar, drag it to a different display.



Done

Display Mode Setting

3. In Settings, go to “Displays”, and choose each connected display to set its resolution or change to Duplicate or Extend mode



Note

- Please note that MacOS devices do not support rotation mode. M1/M2 Mac support clamshell mode while Intel Macs do not
- To use this adapter, your laptop should have a USB-A/C 3.0 port or a Thunderbolt 3/4 port.
- Displays connected to HDMI 1/2 port will not support playback of HDCP content from websites like Netflix or Hulu. The HDMI 3 port, which is connected to a DP ALT MODE USB-C port, does support this.

Supported Resolutions

	HDMI1 4K60Hz Port	HDMI 2 4K60Hz Port	HDMI3 4K60Hz Port
Windows	3840x2160@60Hz	3840x2160@60Hz	3840x2160@60Hz
	2560x1440@60Hz	2560x1440@60Hz	2560x1440@60Hz
	1920x1080@60Hz	1920x1080@60Hz	1920x1080@60Hz
	1680x1050@60Hz	1680x1050@60Hz	1680x1050@60Hz
	1600x1200@60Hz	1600x1200@60Hz	1600x1200@60Hz
	1600x900@60Hz	1600x900@60Hz	1600x900@60Hz
	1440x1050@60Hz	1440x1050@60Hz	1440x1050@60Hz
	1440x900@60Hz	1440x900@60Hz	1440x900@60Hz
	1280x1024@60Hz	1280x1024@60Hz	1280x1024@60Hz
	1280x800@60Hz	1280x800@60Hz	1280x800@60Hz
	1280x720@60Hz	1280x720@60Hz	1280x720@60Hz
	1152x864@60Hz	1152x864@60Hz	1152x864@60Hz
	1024x768@60Hz	1024x768@60Hz	1024x768@60Hz
	800x600@60Hz	800x600@60Hz	800x600@60Hz
	720x480@60Hz	720x480@60Hz	720x480@60Hz
	640x480@60Hz	640x480@60Hz	640x480@60Hz

Supported Resolutions

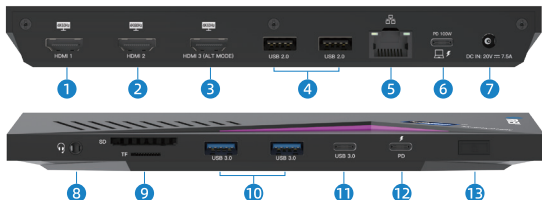
	HDMI1 4K60Hz Port	HDMI 2 4K60Hz Port	HDMI3 4K60Hz Port
Mac OS	3840x2160@60Hz	3840x2160@60Hz	3840x2160@60Hz
	2560x1440@60Hz	2560x1440@60Hz	2560x1440@60Hz
	1920x1080@60Hz	1920x1080@60Hz	1920x1080@60Hz
	1920x1080@30Hz	1920x1080@30Hz	1920x1080@30Hz
	1600x900@60Hz	1600x900@60Hz	1600x900@60Hz
	1280x720@60Hz	1280x720@60Hz	1280x720@60Hz

Specifications

Technical	
HDMI Compliance	HDMI 2.0
Video Bandwidth	6Gbps per channel (18Gbps all channels)
Data Transmission Rate (Max)	5Gbps
Data Transmission Standard	USB 3.0 (USB 3.1/3.2 GEN 1)
Video Resolution	4K@60Hz
Color Space	4:4:4/4:2:0
Color Depth	8/10/12 bit
Audio Formats	LPCM
HDR	Not supported
ESD Protection	Contact discharge ($\pm 4\text{KV}$), air discharge ($\pm 8\text{kv}$), Implementation of the standard: IEC61000-4-2
Connection	
Input	1 × USB 3.0 [Type C, female] 1 × DC [Power input]
Output	3 × HDMI [Type A, 19-pin female] 2 × USB 3.0 [Type A, female] 2 × USB 2.0 [Type A, female] 2 × USB 3.0 [Type C, female] 1 × RJ45 [Ethernet] 1 × 3.5mm [Stereo] 1 × TF 3.0 & 1 × SD 3.0

Mechanical	
Housing	ABS
Color	Black
Dimensions	L: 198mm / 7.8in W: 78mm / 3.07in H: 23.5mm / 0.93in
Weight	225g / 7.94oz
Power Supply	FCC, CE, RoHS
Power Consumption	150W
Operation Temperature	0°C ~ 60°C / 32°F ~ 140°F
Storage Temperature	-10°C to 70°C
Relative Humidity	5% to 90% RH non-condensation

Operation Control & Functions



No.	Name	Function Description
1.	HDMI 1	Connect a display device such as TV, Monitor, etc.
2.	HDMI 2	Connect a display device such as TV, Monitor, etc.
3.	HDMI 3	Connect a display device such as TV, Monitor, etc. Note: This port will only work if you connect the adapter to a USB-C port on your computer that supports DP ALT MODE or video output.
4.	USB 2.0 x2	Connect a USB peripheral like USB Drives, Keyboard, Mouse, etc.
5.	RJ45 Port	Connect an ethernet cable for internet connection.
6.	USB-C	Connect to a USB-C port on the laptop

Operation Control & Functions

No.	Name	Function Description
7	DC	Connect the included power adapter.
8.	Stereo and Mic	Connect an audio device with a 3.5mm input like Headphones, Speakers, etc.
9.	TF (Micro-SD)/SD Card Slot	Connect a Micro-SD or Full size SD card. (SD3.0 and TF3.0 up to 104MB/S)
10.	USB3.0 x 2	Connect a USB peripheral like USB Drives, Keyboard, Mouse, etc.
11.	USB-C(data only)	Connect a USB peripheral like USB Drives, Keyboard, Mouse, etc.
12.	USB-C	Connect a USB peripheral like USB Drives, Keyboard, Mouse, etc. This port can also charge your phone or some other device with PD 20W fast charging.
13.	Power ON/OFF button	Press to Power On/of the Docking Station

Application Example

Connection Diagram

Mirror Mode & Extend Mode
on both Windows & Mac OS



FAQs & Troubleshooting

1. My third display connected to HDMI 3 is not working. I have installed the drivers.

The HDMI 3 (ALT MODE) port will only work if you connect the dock to a USB-C port on your laptop that supports DP ALT MODE or video output.

2. I am unable to get audio from my laptop or displays when connecting the adapter.

You need to go to the sound settings on your laptop and select the dock as the audio output and you should get audio from the display speakers.

Still have some questions?

Please feel free to contact us at: info@orei.com. OR Fill out the form on the 'Contact Us' page on the website. Our team will be more than happy to help you.

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